

# Indiana Office of Technology (IOT)

## Information Technology Standard (ITS) 05-1

Technology Profile: Network

Specific Area: Low Voltage Structured Cabling

Purpose: To establish standards for low-voltage structured cabling for voice, data, video, office automation, fire alarm, security and other low-voltage systems to be deployed for the state.

Standard: IOT establishes the State of Indiana "[Structured Cabling System Installation & Material Specifications](#)" as the standard for all inter / intra building cabling. This standard applies to State occupied facilities whether rented, leased or owned.

This standard Supersedes the structured cabling standards listed in "[Data Communications - Wiring, Equipment, and Management](#)" published on March 13, 1996

Scope: All agencies within the executive branch of Indiana state government

Statutory Authority: IC 4-13.1

### References:

1. The "[National Electric Code](#)" published by the U.S. National Fire Protection Association (NFPA)
2. ANSI/TIA/EIA's "[Commercial Building Telecommunication Standards](#)"
3. United States Department of Administration, Rural Utility Services' "[Rural Utility Standards](#)"
4. Insulated Cable Engineers Association (ICEA) Specifications
5. The "[Americans with Disabilities Act](#)" ADA
6. State and Federal Regulations published by the "[U.S. Federal Communications Commission](#)" (FCC) and the "[Indiana Utility Regulatory Commission](#)" (IRC)
7. State and Local Building Codes
8. BICSI publications:
  - a. [Telecommunications Distribution Methods Manual](#)
  - b. [Telecommunications Cabling Installation Manual](#)

- c. [Customer-Owned Outside Plant Design Manual](#)
- d. [Network \(LAN\) Design Manual](#)
- 9. State of Indiana, Department of Administration, Division of Information Technology's (DoIT) "[Structured Cabling System Installation & Material Specifications](#)"
- 10. All other industry standards that are referred to in the above referenced documents.

Effective Date:            July 1, 2005 (re-issued)